ES Warmups Week 23

Listed below are the 5 statements about rocks and minerals. Choose the term listed in parentheses that will correctly complete the sentence.

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| 1. | One test that can be used to identify minerals is (**color, streak**). |
| 2. | Minerals are (**inorganic, organic**) solids. |
| 3. | Most rocks on earth are silicates, which are composed of (**silicon, iron**) and oxygen. |
| 4. | A mineral that is both useful and can be mined at a profit is called a(n) (**gem, ore**). |
| 5. | Rocks that contain material from living things are called (**chemical, organic**) sedimentary rocks. |

Identify each rock as igneous (I), metamorphic (M), or sedimentary (S).



1. Gneiss



1. Obsidian



1. Conglomerate
2. Pumice



1. Granite



1. Sandstone

Match each rock description with the correct term.

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| 1. | rock made of sediments that are compacted and cemented together | a. | intrusive igneous |
| 2. | layered rock formed under intense heat and pressure | b. | extrusive igneous |
| 3. | melted rock that cools and contains large crystals | c. | foliated metamorphic |
| 4. | melted rock that cools and contains small grains or crystals | d. | nonfoliated metamorphic |
| 5. | non-layered rock formed under intense heat and pressure | e. | clastic sedimentary |
| 6. | rock that is made of chemicals that come out of solution | f. | non-clastic sedimentary |

Match each type of energy with its correct type.

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| --- | --- | --- | --- |
| 1. | fossil fuels | a. | inexhaustible |
| 2. | nuclear | b. | renewable |
| 3. | solar | c. | nonrenewable |
| 4. | biomass |  |  |
| 5. | wind |  |  |